

REMARKS

In accordance with the foregoing, independent claims 7, 20, 34, 56, 73, and 93 have been amended. Claims 2-16, 18, 20-28, 30-32, 34-89, 92 and 93 are pending and under consideration.

Claims 54-55

The Office Action notes that claims 54 and 55 are in condition for allowance.

Rejection of Claims 2-16, 18, 20-28, 30-32, 34-53, 56-89, 92, and 93 under 35 U.S.C. §103(a)

The Office Action rejects claims 2-16, 18, 20-28, 30-32, 34-53, 56-89, 92, and 93 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 5,621,429 issued to Yamaashi et al. (hereinafter referred to as "Yamaashi") in view of the Background of the Invention. This rejection is respectfully traversed.

Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "said controller generates said display control signal including a composite format of the video signal and the graphics data based on information received from said target device including display screen size of the target device,... and said target device displays the combined display on entire display screen based on the composite format of the video signal and graphics data provided in the display control signal," as recited in claim 7.

Yamaashi is applied to a computer system coupled to a computer network. Although Yamaashi discloses displaying data in different windows or image areas opened on a display screen (Figure 4B of Yamaashi), these image areas may overlap. In addition, Yamaashi does not disclose a target device displaying a combined display on entire display screen based on the composite format of the video signal and graphics data provided in the display control signal.

In addition, Applicant respectfully submits that one having ordinary skill in the art would not have been motivated to combine Yamaashi with the Background of the present application. Yamaashi does not refer to any communications between a digital television and set-top box. Instead, as shown in Figure 4B or discussed in col. 1, lines 5-15, Yamaashi is applied to a computer system coupled to a computer network. Because Yamaashi refers to displaying in windows information supplied by a computer network (i.e., computer network application) instead of communication between a digital set-top box and a digital television, one having ordinary skill in the art would not have been motivated to combine Yamaashi with the Background of the

present application. Therefore, for at least these reasons, claim 7 is patentably distinguishable over the cited references.

Claims 2-6, 8-16, 18, and 92 depend from claim 7 and include all of the features of claim 7. Therefore, for at least these reasons, claims 2-6, 8-16, 18, and 92 are also patentably distinguishable from the cited references.

Similarly, Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "wherein said display control signal includes a composite format of the video signal and graphics signal and said processing unit controls the mixer to display the combined display on entire display screen," as recited in claim 20. Therefore, for at least these reasons, claim 20 is patentably distinguishable over the cited references.

Claims 21-28 and 30-32 depend from claim 20 and include all of the features of claim 20. Therefore, for at least these reasons, claims 21-28 and 30-32 are also patentably distinguishable from the cited references.

Similarly, Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "wherein said display control signal includes a composite format of the video signal and graphics signal based on information received from said target, wherein said target device displays the combined display on entire display screen based on the composite format of the video signal and graphics data provided in the display control signal," as recited in claim 34. Therefore, for at least these reasons, claim 34 is patentably distinguishable over the cited references.

Claims 35-39 and 46-53 depend from claim 34 and include all of the features of claim 34. Therefore, for at least these reasons, claims 35-39 and 46-53 are also patentably distinguishable from the cited references.

Similarly, Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "wherein said display control signal includes a composite format of the video signal and graphics signal based on information received from said target, wherein said target device displays the combined display on entire display screen based on the composite format of the video signal and graphics data provided in the display control signal," as recited in claim 56. Therefore, for at least these reasons, claim 56 is patentably distinguishable over the cited references.

Claims 57-72 depend from claim 56 and include all of the features of claim 56. Therefore, for at least these reasons, claims 57-72 are also patentably distinguishable from the cited references.

Similarly, Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "wherein said display control signal includes a composite format of the video signal and graphics signal based on information received from said target, wherein said target device displays the combined display on entire display screen based on the composite format of the video signal and graphics data provided in the display control signal," as recited in claim 73. Therefore, for at least these reasons, claim 73 is patentably distinguishable over the cited references.

Claims 74-89 depend from claim 73 and include all of the features of claim 73. Therefore, for at least these reasons, claims 74-89 are also patentably distinguishable from the cited references.

Similarly, Yamaashi and Background of the Invention, do not disclose, teach, or suggest at least, "said controller generates said display control signal including a composite format of the video signal and the graphics data based on information received from said target device including display screen size of the target device,... said target device displays the combined display on entire display screen based on composite format of the video signal and graphics data provided in the display control signal," as recited in claim 93. Therefore, for at least these reasons, claim 93 is patentably distinguishable over the cited references.

Accordingly, withdrawal of this rejection is respectfully requested.

Summary

Claims 2-16, 18, 20-28, 30-32, 34-89, 92 and 93 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

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If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

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